



# The Gazette of India

PUBLISHED BY AUTHORITY

No. 37] NEW DELHI, SATURDAY SEPTEMBER 12, 1964 (BHADRA 21, 1886)

Separate paging is given to this Part in order that it may be filed as a separate compilation.

## PART III—SECTION 2

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

*Calcutta, the 12th September 1964*

##### CORRIGENDUM

In the Gazette of India, Part III—Section 2 dated the 4th July 1964.

In page 270, Column 1 under the 'Cessation of Patents' Delete entry No. 56662.

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

*22nd August 1964*

95290. Associated Electrical Industries Limited. Improvements in or relating to surge diverter units. (3rd September 1963).

95291. T. J. Smith & Nephew Limited. Improvements in and relating to material in sheet form. (27th August 1963).

95292. Nagi Engineering Works. Improvements in or relating to oil fuel stove.

95293. James Mackie & Sons Limited. Improvements relating to apparatus for forming rolls or balls of sliver. (23rd August 1963).

95294. Westland Aircraft Limited. Improvements in or relating to vehicles. (23rd August 1963).

95295. Presletta Limited. Improvements in or relating to dry-release transfer material. (23rd August 1963).

95296. Shionogi & Co. Ltd. Disubstituted isoxazole compounds and non-toxic salts thereof. (4th August 1964).

95297. Shionogi & Co., Ltd. Isoxazole compounds and non-toxic salts thereof. (4th August 1964).

95298. John Holroyd & Company Limited. Manufacture of gearwheels. (24th August 1963).

95299. Mannesmann Leichtbau GmbH. Standard structural part for the erection of halls, towers and the like.

95300. E. Veyret and Societe Anolyme Aivaz. Improvements in or relating to methods and means for straightening out a vehicle on its path.

95301. The Singer Company. Combination sewing machine shipping crate and stand.

95302. Allplas A. G. Improvements in moulded articles and in processes and apparatus for their production.

95303. W. Rogendorf. Electrodeposition of chromium.

95304. Tecalemit (Engineering) Limited. Improvements in safety devices for hoists. (28th August 1963)

*24th August 1964*

95305. Council of Scientific and Industrial Research. Improvements in or relating to pitch mastic compositions.

95306. Council of Scientific and Industrial Research. Improvements in or relating to soldering of aluminium cables.

95307. Jayco Triplex Company. Improved cigarette lighter.

95308. J. L. Lewis, R. B. Browne and J. M. Browne. Improve pump. (29th August 1963).

95309. P. G. Bhide and Mrs. Usha Prabhakar Bhide. Improved screen wiper.

95310. Educational Products (India). Building set.

95311. Ciba Limited. Process for the manufacture of 4-amino-3-nitroazobenzenes.

95312. Toms River Chemical Corporation. Process for the manufacture of 1-amino-2-benzoyl-4-hydroxyanthraquinones.

95313. Dowty Mining Equipment Limited. Advanceable roof support assembly. (3rd September 1963).

95314. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Copolymerization of  $\alpha$ -alkylenaryl ethers with  $\alpha$ -olefins.

95315. Deering Milliken Research Corporation. Textile cleaning apparatus.

95316. Deering Milliken Research Corporation. Pneumatic cleaner.

95317. The Upjohn Company. Composition of matter and process.

95318. Ciba Limited. Manufacture of anthraquinone dyestuffs.

95319. American Cyanamid Company. Method for the control of undesirable plant growth.

95320. E. Merck Aktiengesellschaft. Bis-pyridyl-methyl-disulphide derivative and its preparation.

95321. Siemens-Schuckertwerke Aktiengesellschaft. A process for applying a thin coating of an electrically-insulating thermoplastic synthetic resin to an electrically conductive member.

95322. Mechanische Baumwollspinnerei Und Weberei Augsburg. A method for treating the under-winding ends of a yarn on cops positioned on spindles of a spinning machine by way of ripping, cutting or removing.

95323. Textile Machinery Corporation Ltd., Co. J. C. Agrawal and A. Smith. Lappets for textile spinning frames.
95324. Textile Machinery Corporation Ltd., J. C. Agrawal and A. Smith. Bobbin holders for textile spinning frames.
95325. Textile Machinery Corporation Ltd., J. C. Agrawal and A. Smith. Method of attaching drums for driving spindle tapes on textile spinning frames.
95326. General Magnets Ltd. Process for the production of permanent magnets.
95327. Crucible Steel Company of America. Stainless steel alloys.
95328. Universal Oil Products Company. Combination process for treating sour hydrocarbon distillates.
95329. Dunlop Rubber Company Limited. Improvements in or relating to extruders for injection moulding machines. (14th September 1963).

*25th August 1964*

95330. Radio Corporation of America. Semiconductor devices.
95331. Pakistan Council of Scientific and Industrial Research. An open shed dwell action dobby shedding mechanism for looms.
95332. K. M. Groetschel. Improvements relating to roof supports for mine workings. [Divisional date 28th January 1963].
95333. K. M. Groetschel. Improvements relating to roof supports for mine workings. [Divisional date 28th January 1963].
95334. K. M. Groetschel. Improvements relating to roof supports for mine workings. [Divisional date 28th January 1963].
95335. K. M. Groetschel. Improvements relating to roof supports for mine workings. [Divisional date 28th January 1963].
95336. Mineral Deposits Pty. Limited. Concentrate take-off devices for pinched launder concentrators. (3rd September 1963).
95337. Lansing Bagnall Limited. Improvements in or relating to hydraulic valve apparatus. (30th August 1963).
95338. Bonded Fibre Fabric Limited. Improvements in or relating to the production of elongated binder particles of polymeric materials. (24th September 1963).
95339. Giddings & Lewis-Fraser Limited. Improvements in or relating to apparatus for teasing fibrous material. (1st May 1962). [Divisional date 27th April 1963].
95340. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Medicinal preparation.
95341. Roussel-Uclaf. Process for the preparation of novel tetracycline derivatives and pharmaceutical compositions containing them. (19th August 1964).
95342. Gulf Research & Development Company. Process for producing organic acids and anhydrides from A 1, 1-bis (3, 4-dimethylphenyl) ethane.
95343. Klienewefers G.m.b.H. Heating and cooling device, in particular for screw extruder cylinders.
95344. Klienewefers G.m.b.H. A device for calibrating endless, injection moulded hollow bodies made from plastic compositions.
95345. Klienewefers G.m.b.H. Foil-drawing callender.
95346. Klienewefers G.m.b.H. Screw extruder.
95347. R. B. Golobart. A weft thread motion applied to warp thread dobbies in shuttleless looms.
95348. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to mounting arrangements.
95349. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to filling devices for simultaneously filling recesses in a matrix or the like with a number of elongated articles.

95350. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to self-oscillating converters with controllable semiconductor rectifier. [Addition to No. 79867].
95351. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of chemically polishing copper and copper alloys.
95352. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to flash-light lamps.
95353. Chemical Construction Corporation. Production of ammonia.
95354. General Electric Company. Method of producing an ultraviolet resistant polycarbonate articles.

*26th August 1964*

95355. B. J. Vetteth. Improvements in or relating to reflecting radiation concentrators.
95356. Boehringer Ingelheim GmbH. Chemical compounds.
95357. J. R. Geigy A. G. Process for the production of azo dyestuffs which are difficultly soluble in water.
95358. Dunlop Rubber Company Limited. Segmental belting. (12th September 1963).
95359. William R. Stewart & Sons. (Hacklemakers) Limited. Lattice conveyor. (30th August 1963).
95360. O. B. Rasmussen. Thermoplastic sheet material, method of producing it, and method of making fibrous articles therefrom. (28th August 1963).
95361. Desma-Werke GmbH. Injection mould for spraying a multi-layer sole of resilient material onto shoe uppers.
95362. W. M. P. Stuart. Spark erosion machining apparatus.
95363. Nikex Nehezipari Kulkereskedelmi Vallalat. Self-aligning bogie-less running gears.
95364. Owens-Illinois Glass Company. Screwless extruder with screw feeder.
95365. Owens-Illinois Glass Company. Elastic melt extruder and method of operation.
95366. Continental Oil Company. Method of generating seismic patterns.
95367. Donetsky Nauchno-Issledovatel'sky Ugolny Institute. Method for drying the insulation of electrical cables laid in a damp atmosphere, in particular, cables of mine network having insulated neutral, and an arrangement for the realization of such method.
95368. Gosudarstvenny souzny Institute po proektirovaniu Metallurgicheskikh Zavodov. Machines for through quenching of rolled profiles especially of railway rails.
95369. Ceskoslovenska Akademie Ved. Reactance amplifier of mixer.
95370. Yawata Iron & Steel Co. Ltd., an Kuroasaki Yogyo Co., Ltd. Method of manufacturing refractory materials containing carbon and bound with an organic substance.

*27th August 1964*

95371. P. A. M. Rao. Wire-wound rheostat for stepless variation of electric current.
95372. Aerpat A. G. Improvements in or relating to fastening devices. (30th August 1963).
95373. Commissariat A L'Energie Atomique. Device for centering an inner conduit within an outer conduit.
95374. International Business Machines Corporation. Constant torque drive means for typewriter.
95375. Zach Rajguru Manufacturing Company. Air heater.
95376. Indian Standards Institution. Modifications in a device for presentation of inter-related data.
95377. Merck & Co., Inc. Naphthalene compounds.

95378. Fuji Iron & Steel Company Limited. Method of constructing trench cover deck with H-section steel beams.

95379. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Iron-pection complex and process of preparing the same.

95380. Schwarz Bio Research, Inc. Enzyme digestion of nucleic acid.

28th August 1964

95381. T. R. Sankaran. A novel shape for soap cakes.

95382. Australian Railway Equipment Supply Company Proprietary Limited and Trak-Chief Manufacturing Proprietary Ltd. Railroad sleeper extactor.

95383. T. M. M. (Research) Limited. Improvements in textile sliver coiling apparatus. (4th September 1963).

95384. Brindaban Saha. Containers for packing of tea, coffee, cocoa and the like.

95385. J. R. Geigy A. G. Process for the production of dispersions of anaesthetics for injection.

95386. K. M. Groetschel. Improvements relating to roof supports for mine workings. (14th May 1964). [Addition to No. 95334].

95387. Aluminium Laboratories Limited. Apparatus and method for measuring the pressure of gases.

95388. Hem Chandra Sen. Improvements in or relating to a medicinal preparation for the treatment of 'piles' and 'ulcers' of the intestines.

95389. Sandoz Ltd. Improvements in or relating to organic compounds. (29th August 1963).

95390. F. J. C. Hope. Anti jack knife device. (29th August 1963).

95391. Parker-Hannifin Corporation. Multiple spool valve assembly.

95392. Laboratories Sauter S.A. Arrangement for receptacle.

95393. West Point Manufacturing Company. Automatically threading shuttle.

95394. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Novel phosphorus-nitrogen fertilizers.

95395. Amta Industries (India). Hydraulic air craft jack.

95396. Karamchand Premchand Private Limited. A process for preparing benzimidazole derivatives.

#### Alteration of date

85975. The claim to priority date 10th January 1962 has been abandoned and the application dated as of 8th January 1963, the date of filing in India.

86811. The claim to priority date 12th March 1962 has been disallowed and the application dated as of 6th March 1963, the date of filing in India.

94626. Ante-dated to 2nd March 1963 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the

Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

85252. Vsesojuzny Nauchno-Issledovatel'sky Institut Po Stroitel'stvu Magistral'nykh Truboprovodov. An arrangement for the magnetographic method of flaw detection in products and parts primarily their welded joints and seams. Accepted on 22nd August 1964.

*Incorporating magnetic tape reader, a magnetic tape transit mechanism and a cathode ray tube, said tube having its beam-deflection.*

85271. Imperial Chemical Industries Limited. Polyester filaments and fibres which are dyeable with acid dyestuffs, and process for their manufacture. Accepted on 24th August 1964.

*By treating polyester filaments with a polyamine, drawing and heating the filaments until a concentric outer layer of the filaments constitutes 30-80% of the cross-sectional area.*

85292. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to semi-conductor bodies. Accepted on 24th August 1964.

*Comprising the steps of starting with a mass of semi conductor bodies, determining the resistance in two different directions, rejecting those, in which the difference exceeds the predetermined factor.*

85439. Merck & Co., Inc. New-chroman compounds of coenzyme Q 10 and process of preparing the same. Accepted on 25th August 1964.

*Heating co-enzyme Q to obtain 2, 5-dimethyl-2-[3'-methyl-2'-butenyl-*okta*kis (3'-methyl-2'-butylene)-methyl]-6-hydroxy-7, 8-dimethoxy-chroman.*

85478. International Steel Slag Corporation. Method and apparatus for removal of slag from steel making furnaces. Accepted on 25th August 1964.

*Pouring hot molten steel slag into granulator means through jets of cooling liquid to separate slag granules into ferrous and non-ferrous materials.*

85492. E. I. du Pont de Nemours and Company. Herbicidal compositions containing substituted uracils. [Addition to No. 83429]. Accepted on 22nd August 1964.

*Herbicidal composition comprising as the active component, a substituted uracil and/or salts thereof, inert carrier and a surface active agent.*

85543. Sandoz Ltd. Water-insoluble disazo dyes, their production, and elastomers, plastics and natural and synthetic resins printed, pigmented or dyed therewith. Accepted on 27th August 1964.

*Reacting one mole of tetrazotized diamine like 4, 4'-diamino-3, 3'-dinitrodi phenyl with two moles of acetoacetylaminobenzene.*

85703. Combustion Engineering, Inc. Centrifugal type steam generator and a steam and water drum therefor. Accepted on 22nd August 1964.

*Means associated with the inlet and adapted to cause swirl of the steam and water mixture, an elongated can communicating with said inlet for passing of the swirling mixture, openings are provided near the juncture of the inlet and said can.*

85975. F. Smith & Co. (Whitworth) Limited. Improvements relating to the fluid treatment of textile fibres. Accepted on 25th August 1964.

*Comprises an elongated hollow chamber with inlet and outlet portions, fibre packing means, said chamber including expanding cross-sectional configuration portion and heat treating means.*

86094. Union Carbide Corporation. Polyols. Accepted on 24th August 1964.

*Comprises reacting at least one vicinal epoxide with a condensation product a phenol, aromatic amine and an aldehyde.*

86183. M. K. Aibani. Improved umbrella rib. Accepted on 27th August 1964.  
*Comprises three rods, three nipples and a T-shaped slab wherein two rods are firmly joined to T-shaped slab and one removably joined to T-shaped slab.*
86189. Imperial Chemical Industries Limited. Process for the manufacture of new azo dyestuffs suitable for the colouration of textile materials. (30th January 1962). Accepted on 27th August 1964.  
*By treating the corresponding azo compound with a coppering agent and with an acylating agent.*
86340. Kabushiki Kaisha Hitachi Seisakusho. Operation monitoring system for multiflow turbines. Accepted on 25th August 1964.  
*Pressure-detecting means for detecting the pressure of the operating medium at such a given stage in each of the said turbines as setting the said turbines at mutually same conditions and means for comparing the pressure so detected by the said pressure detecting means.*
86539. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing semiconductor systems comprising cadmium chalcogenide semiconductors. Accepted on 26th August 1964.  
*At least part of the body of cadmium chalcogenide layer is coated with at least one metal, the ions of which are capable of forming complex ions with syanide ions, after which the metal/s is or are partly removed by the action of a selective etching agent which contains an alkaline cyanide and an oxidizing agent in an aqueous solution.*
86604. Colvilles Limited and W.B.Y. Miller. A method of and apparatus for use in producing slag in fragmented form. (22nd February 1962). Accepted on 21st August 1964.  
*Comprising moving a spreader into engagement with a pool of molten slag and over a floor to form a layer of slag on the floor and so facilitate cooling of the slag.*
86630. The British Iron and Steel Research Association. Indication system. Accepted on 22nd August 1964.  
*Means for measuring the length of a hot billet as it leaves the mill and means for converting the measurement to an indication of the corresponding length of the billet when cold.*
86658. V. Rakowsky. Whirlpool separatory vessel. Accepted on 25th August 1964.  
*Comprising a vessel having means for introducing tangentially a medium whereby it whirls to form two vortex which pass through two different discharge means.*
86659. V. Rakowsky. Separatory vessel. Accepted on 25th August 1964.  
*Comprising means for introducing liquid medium, axial discharge means for light material, peripheral discharge means for heavy particles and the feed pipe is provided with a baffle.*
86670. J. R. Geigy A.-G. Process for the stabilisation of organic material against deterioration and composition stabilized thereby. Accepted on 25th August 1964.  
*Incorporating as stabilizer compound like N-salicylidene-N'-salicylhydrazide.*
86811. St. Paul Ammonia Products, Inc. Acidulation of phosphate rock. Accepted on 22nd August 1964.  
*Maintaining sufficient available silicon in the reaction mixture to convert the fluorine to silicon tetrafluoride and removing this in vapour form by boiling the mixture.*
86823. Council of Scientific and Industrial Research. A new process for the production of nitrogenous fertilizers and soil conditioner from coal, lignite and peat. Accepted on 25th August 1964.  
*Characterized by the fact that the materials are suspended in ammoniacal liquor and subjected to the action of oxygen or air.*
86854. Chicago Bridge & Iron Company. Squaroid type liquid storage tank. Accepted on 22nd August 1964.  
*Of squaroid type having curved sidewalls with the curvature of the sidewalls increasing from top to bottom.*
86892. Goodyear Aircraft Corporation. Improvements in photo-light painting method and apparatus. Accepted on 24th August 1964.  
*Comprising the steps of projecting at least one narrow beam of light from a confined light source onto a light sensitive film positioned adjacent said source.*
86917. Aluminium Laboratories Limited. Method of evaporating and purifying aluminium trihalides. Accepted on 22nd August 1964.  
*Comprises establishing an electro-conductive molten salt mixture containing aluminium trihalide as a constituent and heating the mixture by electric current.*
86929. Johnson & Johnson. Flexible absorbent sheet. Accepted on 24th August 1964.  
*Comprises an absorbent layer contained between a web of textile length fibers and a flexible sheet of cellular sponge material.*
86935. Continental Oil Company. Manufacture of petroleum coke. Accepted on 22nd August 1964.  
*Subjecting a heavy petroleum residuum to coking, recovering the green coke, calcining the green coke, the improvement comprises recovering the coke fines produced during calcining process and utilizing the coke fines as a make up for fuel.*
86937. Henschel-Werke Aktiengesellschaft. Locomotive. Accepted on 22nd August 1964.  
*Comprising a bridge girder having an engine mounted thereon, a power take-off on each end of the engine, a first pair of drive shafts each connecting one of the power take-offs with a transmission and a second pair of drive shafts each connecting one transmission with a distributor gear.*
86947. Temescal Metallurgical Corporation. Improvements in or relating to a high vacuum furnace. Accepted on 28th August 1964.  
*An enclosure, an elongated horizontally disposed hearth within said enclosure for receiving molten metal and forming a molten pool thereof, a generally upright barrier positioned intermediate the ends of said hearth and first and second electron beam generating means.*
86952. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to arrangements for scanning a set of apparatuses partitioned into at least three subsets, the apparatuses of different subsets being scanned at different frequencies. Accepted on 27th August 1964.  
*Comprising at least one counting circuit which is such that scanning pulses for the apparatuses of the same subsets are delivered in succession but that on the average at least one of said subsets is scanned more often than the other subsets.*
86970. Dow Corning Corporation. Improvements in or relating to dispersions. Accepted on 25th August 1964.  
*A dispersion consists essentially of (A) 100 parts by weight of a titanium compound (B) from 5 to 50 parts by weight of a monocarboxylic acid and (C) at least 100 parts by weight of water.*

- 86972 Dow Corning Corporation A method for treating cellulosic fabrics and compositions therefor Accepted on 25th August 1964.  
*A method of treating a cellulosic fabric which comprises applying to the fabric (1) a siloxane containing units of the general formula shown in fig 1 of the accompanying drawing, (2) a siloxane of the unit general formula shown in fig 3 and (3) a crease resistant resin.*
- 86974 United Aircraft Corporation. Method and apparatus for welding or working materials by means of a beam of charged particles Accepted on 22nd August 1964.  
*Characterized by placing a tape over the area to be worked or over the joint to be welded on a work piece, positioning the column of a charged particle generator, adapted to produce a beam of charged particles in sealed relationship to the tape and the surface of the work piece, evacuating the column and the area under the tape, and working the area or welding the joint under the tape with the beam of charged particles emanating from the column*
- 87023 Sperry Rand Corporation Apparatus for checking the number of apertures formed or to be formed in a medium Accepted on 28th August 1964.  
*Including a device which normally produces a signal, a counting circuit, a reader under which the medium is passed, a further circuit coupled to said counting circuit*
- 87041 Ciba Limited New monoazo dyestuffs and process for the manufacture thereof Accepted on 22nd August 1964.  
*Wherein a corresponding aminomonoo azo dyestuff is condensed with a dihalogen-1 3 5-triazine.*
87088. Pechiney, Cie de Produits Chimiques et Electro-metallurgiques Process for the manufacture of cast irons or steels by ferro-silicon refining Accepted on 24th August 1964.  
*Comprises contacting ferro silicon in the liquid state with a substance principally consisting of ferric oxide in the liquid state and one melting or slagging component, injecting into the metal thus obtained one oxidising gas in presence of one melting or slagging component in the solid divided state*
87120. J Prakash Self-adjusting receptacle for railway-carriage lavatories Accepted on 28th August 1964.  
*Comprising three troughs at right angles to each other fixed at ends to two rectangular sheets, a U-shaped bar having its ends bent to form hooks, stops on outer sides of the sheets a weight in the center at the bottom between the sheets and a hood for the upper half portion of the receptacle*
- 87121 J Prakash Self-locking bolt Accepted on 28th August 1964.  
*Consisting of a head and a nut with threading only on a part of the stem terminating short of its end, said end portion being plain and having a hole, a ring over this plain portion and having a corresponding hole, a cam catch and a spring to fitting into said holes*
- 87126 Standard Telephones and Cables Limited An arrangement for detecting a break in the feed of an elongated article (27th March 1962) Accepted on 22nd August 1964.  
*Comprising a vibratory probe to be subjected to mechanical impulses, and mechanical or acoustical coupling between the probe and an electro-acoustic transducer, the latter providing an electrical output to detecting means*
- 87152 Combustion Engineering, Inc A method of reducing corrosion of high temperature heat transfer surfaces Accepted on 22nd August 1964.  
*Applying magnesium oxide to the surfaces subject to corrosion.*
87178. Shell Internationale Research Maatschappij N V. Process for the hydrogenative cracking of hydrocarbon oils and hydrogenatively cracked hydrocarbon oils prepared thereby Accepted on 27th August 1964.  
*Contacting in presence of hydrogen at 260°-454°C and 35-210 atm pressure with catalyst in silver on acid-acting support.*
87207. E I. du Pont de Nemours and Company. Transducer apparatus responsive to changes in temperature pressure or magnetic field Accepted on 24th August 1964.  
*Characterized in that the core is exposed to the environment envincing change in temperature pressure and magnetic field and means responsive to the variance of said current.*
87316. International Polaroid Corporation Light polarizing materials Accepted on 27th August 1964.  
*Forming a plurality of minute, elongated, laterally and longitudinally spaced filaments oriented in at least one given direction by a high vacuum deposition process on the substrate.*
87398. International Business Machines Corporation Data registering systems. Accepted on 22nd August 1964.  
*Comprising a data input device, and a data registering device arranged to co-operate with mechanical elements.*
- 87491 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Vat dyestuffs and process for preparing them Accepted on 25th August 1964.  
*By condensing 4'-5'-dichloro-or 4':5'-dibromo-1':8"-naphthylene-aryl imidazole or derivatives thereof with 1-amino-anthraquinones in the presence of an acid binding agent and heating the chlorine or bromine containing intermediates in an acid amide*
- 87505 Amchem Products, Inc Solution for and method of coating ferriferous surfaces. Accepted on 25th August 1964.  
*The metal surfaces is contacted with an aqueous acidic alkali metal phosphate solutions containing nitrite ion, and melamine, 1-amino-1, 2, 4 triazole, imidazole succinimide or 2-oxazolidone.*
87551. Standard Telephones and Cables Limited. Improvements in or relating to an intercommunication system Accepted on 22nd August 1964.  
*Comprising lines with signalling branch and communication branch, switch means at each station which is electively operable, means for transmitting a call signal over communication branch of calling station line to signalling branch of selected line, and means for blocking the call signal from signalling branch of selected line to that of other lines*
- 87552 Standard Telephones and Cables Limited Improvements in or relating to intercommunication systems [Addition to No 87551]. Accepted on 22nd August 1964.  
*At least one of the (main) stations having one or more satellite stations connected thereto, a satellite station being connected only to one (main) station*
- 87561 E I du Pont de Nemours and Company. A plant growth regulant composition Accepted on 22nd August 1964.  
*Comprising one or more cycloalkylphenyl ureas and a diluent therefor.*
- 87569 Metal Closures Limited Improvements in or relating to closures for containers and methods of applying the same. (27th April 1962). Accepted on 24th August 1964.  
*Placing a metal closure bank over the mouth of the container, pressing the closure bank down against the top of the container and, whilst so held, reducing the diameter of the skirt at a position radially outward of the thicker annulus of gasket material.*

87591. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Olefin copolymers and process for preparing them. Accepted on 25th August 1964.  
*Characterized in that the mixture of monomers in the liquid phase is polymerized in the presence of a catalyst consisting of the reaction product between vanadium compounds and metallorganic compounds of aluminium or beryllium or of lithium-aluminium complexes.*
87598. Dufaylite Developments Limited. Production of honeycomb materials from webs of sheet materials and machine therefor. (27th April 1962). Accepted on 27th August 1964.  
*Rotary former being provided in the form of side members which being fixed relative to one another and cross members, movable to permit removal of the wound material.*
87623. Canadian Industries Limited. Foaming compositions suitable for the production of foamed cellular polymeric materials. (27th November 1962). Accepted on 26th August 1964.  
*Comprising vinyl ethers and vinyl ether-reactive members such as phenolic compounds, alcohols and epoxidised materials, a foaming agent and an acidic catalyst.*
87691. Sperry Rand Corporation. Display unit for monitoring a plurality of signal points in an associated apparatus. Accepted on 24th August 1964.  
*Characterized by a mask having a number of apertures equal to the number of indicators, a plurality of indicia associated with aperture positioning mechanism, a gating system.*
87766. E. I. du Pont de Nemours and Company. Process for forming a highly oriented, crystalline, synthetic thermoplastic strap. Accepted on 26th August 1964.  
*Comprises the steps of extruding a crystalline, synthetic thermoplastic resin from an extrusion head into a quench bath, and thereby from a billet, removing said billet from said quench bath and passing said billet between at least one pair of rollers.*
87811. Svenska Rotor Maskiner Aktiebolag. Rotary piston engine. (10th May 1962). Accepted on 27th August 1964.  
*In a plane transverse to the axis of the female rotor at least one flank of each groove of the rotor includes a portion extending from the radially outermost point of the flank.*
87837. Standard Telephones and Cables Limited. Improvements in or relating to circuit arrangement for a key-controlled intercommunication system. [Addition to No. 87551]. Accepted on 22nd August 1964.  
*All incoming junction lines to the other stations are interconnected via line-key contacts and rectifiers, and are applied via further line-key contacts and press-to talk button contacts to the sound transducer of the subscribers station.*
87972. Standard Telephones and Cables Limited. Improvements in or relating to coil winding machines. (16th May 1964). Accepted on 24th August 1964.  
*Winding of the coils is effected by a rotatable winding head moving between the former and head, in which a cam arrangement is provided.*
88097. The Babcock & Wilcox Company. Improvements in or relating to pulverizers. Accepted on 25th August 1964.  
*A circular row of rolling grinding elements between an upper backing member and a lower backing member, means for rotating one of the backing member in a clockwise direction, means for rotating the other backing member in an anti-clockwise direction and means for directing carrier air upwardly past the grinding elements.*
88132. Fichtel & Sachs AG. Two speed hub without a back-pedalling brake. Accepted on 27th August 1964.  
*Output member disposed on the satellite carrier is disposed in the axial direction between the epicyclic gear and the input member, and the output member connected to the internally toothed gear is disposed on that side of the epicyclic gear which is remote from the input member.*
88166. Magrini S.p.A. Device for closing electric circuits by means of a pressure contact. Accepted on 22nd August 1964.  
*The movable contact comprises two arms one of which is made of a knife having eccentric blade, while other one is made of a stem.*
88185. The Goodyear Tire & Rubber Company. Improvements in tire building drum. Accepted on 22nd August 1964.  
*Comprising a hub having radially movable elements mounted thereon and an inflatable annular tube between said hub and said elements.*
88186. G. K. N. Screws & Fasteners Limited. New or improved internally threaded sleeve. (5th June 1962). Accepted on 27th August 1964.  
*Internally threaded sleeve having a plurality of slots extending longitudinally to provide number of legs some of them deformed inwardly and rest straight.*
88282. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to a method of making soft-soldering joints on the surface of a body and a body having a soldering joint obtained by said method. Accepted on 28th August 1964.  
*Characterized in that the gold strike is deposited to nickel surface and the body is heated at a temperature lying between 300°C and 450°C.*
88628. Muszentermelo Vallalat. Tin-lead bronze bimetallic bearings and process for producing them. Accepted on 26th August 1964.  
*By sintering a powder onto a steel plate serving for increasing the strength of the bearing under reducing atmosphere, in which a powder mixture consisting of tin, copper and lead oxide is used as the basic material.*
88681. Simonacco Limited. Improvements in and relating to ratio controllers and a material blending apparatus incorporating the same. (9th August 1962). Accepted on 28th August 1964.  
*Means for controlling the ratio of conditions prevailing in two related systems comprising a cruciform lever, two piston and cylinder devices, means for applying fluid pressure and means for varying the conditions in one of said systems.*
88723. British Nylon Spinners Limited. Improvements in or relating to apparatus for crimping textile strands. (19th July 1962). Accepted on 24th August 1964.  
*Having a divided compression chamber whose input and output end portions are mounted so as to allow limited lengthwise movement relative to each other to occur.*
88812. B. Nath and B. Prasad. Improvements in or relating to ploughs. Accepted on 28th August 1964.  
*Soil plate or breast consists of a curved steel sheet which is semi-circular in cross-section and is tapering as it extends towards its sheer end.*
88874. Sandoz Limited. Organic solvents especially suitable for dry cleaning. (3rd August 1962). Accepted on 25th August 1964.  
*Characterised by a content of (a) salt of an alkylarylsulphonic acid with a poly valent metal and (b) a non-ionogenic surface active compound.*

88914. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Vinylfluoride polymers and copolymers and process for preparing the same. Accepted on 26th August 1964.

*Vinyl fluoride is polymerised of copolymerised at below 80°C and below 100 atm. pressure in the presence of a polymerisation initiator which is the reaction product of boron alkyl derivative with ammonia, hydroxylamine or a polyfunctional nitrogen base.*

88932. C. W. E. Remnant. Improvements in collapsible boxes or containers. Accepted on 22nd August 1964.

*Container with adjacent sides hinged together, and with a lid or cover and bottom hinged to opposite sides of the box.*

88937. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing metallic images by photographic means. Accepted on 28th August 1964.

*Characterised in that the latent mercury and/or silver-nuclear image is activated and then brought into contact with a solution of a copper, nickel, cobalt or a mixture of a nickel and a cobalt salt and a reducing agent for this salt.*

89019. Klockner-Humboldt-Deutz Aktiengesellschaft. A vibratory centrifugal separator. (31st May 1963). Accepted on 27th August 1964.

*Outlet or outlets in the inlet pipe are constructed in such a manner that a distribution of the material is effected over a relatively large axial and/or tangential region of the screen drum.*

89040. Fichtel & Sachs, AG. Two speed transmission hub operated automatically in dependence upon the travelling speed. Accepted on 27th August 1964.

*The shift member is axially displaceable by two annular bodies connected through a screw guide of which the one is secured against rotation on a stationary hub structural part and the other can be coupled to a rotating hub part by a coupling.*

89135. E. K. Core Limited. Improvements in or relating to reflection coil assemblies for cathode ray tubes. (3rd August 1962). Accepted on 22nd August 1964.

*Wherein the yoke, sleeve and line deflection coils are so shaped that the latter may be inserted, or removed without dismantling the yoke.*

89161. The Gas Council. Processes for the production of hydrogen. (30th July 1962). Accepted on 26th August 1964.

*Bringing carbon monoxide and steam into contact with catalyst for the shift reaction and thereafter recycling the gas so that temperature of catalyst is maintained at reaction temperature below those at which reduction of activity of catalyst occurs.*

89185. Fichtel & Sachs A. G. A multi-speed transmission hub. Accepted on 27th August 1964.

*The gear stages of the transmission gearing correspond approximately to the ratio between maximum pedal rank rotation speed on minimum pedal crank rotation speed in the most favourable range.*

89225. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Process for the stereospecific polymerisation of butadiene in an aqueous emulsion. Accepted on 26th August 1964.

*Comprises adding cyclohexadiene-1:3 in the reaction mixture of butadiene-1:3 in aqueous emulsion and rhodium chloride.*

89555. The Plastic and Industrial Corporation Private Ltd. Improvements in or relating to clothes pegs. Accepted on 26th August 1964.

*Containing two limbs extending along the whole length of the peg, the said two limb being bridged half-way across the length by means of a central bridge-piece integral with*

*both the limb so that two limbs remain apart from each other at one end but remain pressed against each other at the opposite end.*

89604. Imperial Chemical Industries Limited and British Nylon Spinners Limited. Stabilisation of titanium dioxide delustered synthetic linear fibre forming polyamides. (3rd September 1962). Accepted on 27th August 1964.

*Stabilized by a manganese compound and at least one oxy compound of P.*

90090. Nestle's Products Limited. Hot filling of plastic containers. Accepted on 27th August 1964.

*Filling of the container is effected while the container is surrounded by a cooling liquid.*

90096. Wickman Wimet Limited. Tool holders for use with detachable inserts. (10th October 1962). Accepted on 25th August 1964.

*Comprising a shank to define a base and side wall, a screw-threaded bore having a screw-threaded pin, and an extension extending through the hole.*

90198. The Dow Chemical Company. Method for dyeing acrylonitrile polymer fibers. Accepted on 25th August 1964.

*Comprises reducing the water content of freshly spun and washed acrylonitrile polymer gel filaments and thereafter immersing the gel filaments in a dye bath.*

90449. The International Synthetic Rubber Company Limited. Improvements of alkyd resins. (25th October 1962). Accepted on 24th August 1964.

*Reacting the reaction product of a polymer of a conjugated diene and an unsaturated glyceride oil with an organic dibasic acid or anhydride and a polyhydroxy compound.*

90614. Inventa A. G. Fur Forschung Und Patentverwertung. Process for the production of lactams. Accepted on 25th August 1964.

*Characterised in that the cyclo aliphatic hydroxy methyl compounds are first treated with an oxidising agent and the oximes formed are then rearranged in the reaction mixture by treatment with oleum to form the corresponding lactams.*

94626. The Distillers Company Limited. Coating preparations. (6th December 1962). [Divisional date 2nd March 1963]. Accepted on 24th August 1964.

*Comprises an aqueous solution of the formaldehyde reaction product of the reaction product of an unsaturated oil and a carboxylic acid also containing driers.*

#### Opposition Proceedings

(1)

The opposition entered by Orient Paper Mills Limited to the grant of a patent on application No. 82064 made by Subir Gupta, as notified in Part III, Section 2 of the Gazette of India dated the 23rd May 1964 has been treated as abandoned.

(2)

The opposition entered by Orient Paper Mills Limited to the grant of a patent on application No. 82065 made by Subir Gupta, as notified in Part III, Section 2 of the Gazette of India dated the 23rd May 1964, has been treated as abandoned.

#### Patents Sealed

- |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| 80211. | 80212. | 81248. | 81557. | 81935. | 82011. | 82187. |
| 82200. | 82405. | 82520. | 82775. | 82784. | 82872. | 82901. |
| 83104. | 83112. | 83133. | 83148. | 83173. | 83175. | 83202. |
| 83206. | 83282. | 83368. | 83384. | 83409. | 83411. | 83417. |
| 83431. | 83477. | 83479. | 83480. | 83494. | 83496. | 83520. |
| 83525. | 83538. | 83579. | 83592. | 83595. | 83631. | 83645. |
| 83647. | 83676. | 83706. | 83828. | 83849. | 83873. | 83979. |
| 84067. | 84108. | 84151. | 84394. | 84431. | 84466. | 84478. |
| 84500. | 84688. | 84689. | 84728. | 84824. | 84835. | 84956. |
| 84965. | 85009. | 85080. | 85147. | 85224. | 85225. | 85379. |
| 85502. | 85561. | 85573. | 85668. | 86044. | 86121. | 86172. |
| 86180. | 86196. | 86240. | 86322. | 86324. | 86388. | 86531. |
| 86619. | 86973. | 88871. |        |        |        |        |

Renewal Fees Paid						
43757.	43895	44017.	45248.	45590.	45742.	45803.
45804.	45887	45918	45919.	46137	46138	46240.
46365.	46447	47738	47952	47953	48006.	48265
48311	48794	49771	49779	49780	50116	50118
50234	50285	50350	50524	50551	50584	50595.
50670	52369	52608	52610	52611	52612	52613
52614	52667	52670	52755.	52765	52896.	52930
52997.	53178.	53211.	53244.	53245.	53353.	53461
54135.	54136.	55357	55380	55527	55546	55587
55630	55655	55656	55743	55750	55810	55881
56330	56537	57469	57522.	57858.	57932	58055
58313	58314	58315	58316	58317	58318	58348
58386	58403	58417.	58428	58439	58528	58554
58688	58765	58782	59016	60606	60608	60713.
60873	61394	61490.	61588.	61621	61639	61655
61715	61751	61825	61926	61947	62009	62038
62066.	62092.	62111.	62113.	62213.	62214.	62449.
62450.	62459	62710	62895	63432.	65012	65058
65110	65138	65188	65230.	65282	65366.	65374
65377	65416	65417	65543	65600	65616	65657
65812.	65885	66215.	66671.	66672.	66673.	67185
68794	68799	68896	68897	68951.	69060	69079.
69144.	69152	69164.	69169	69196	69200	69209
69289	69291	69331	69336.	69347	69434	69465.
69475.	69518.	69605.	69654.	69690	69728.	69736
69812.	69874.	69921	70004.	70005	70089	70090
70914	71782	71784	73108	73141	73162.	73218.
73226.	73237	73264	73275	73304	73313	73433.
73453.	73466	73493	73509	73543	73596	73605
73619.	73641	73648	73649	73658	73687	73744.
73750.	73832	73833	73877	73968.	74030	74068.
74106.	74178	74205	74211	74302	74336.	74376.
74511.	74534	74535.	74536	74581.	74755.	74933.
76325	76806	76813	77700.	78203.	78534.	78554
78562	78620	78958	78996	79030.	79095	79096
79196	79441	80635	80636	80637	80638	80639
80640	80641	80642				

**Cessation of Patents**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No 120980. Andre Victor Leon Clement Debrie, 111, rue Saint Maur, Paris 110, Seine France, French Nationality, "A projector", February 4, 1964

Class 1 No 121142. Jaswant Singh Jubbal, 922-23, Faiz Road, Karol Bagh, New Delhi and national of Indian Union, "Electric powerlite portable and appliances", February 12, 1964

Class 1 No 121143 Jaswant Singh Jubbal, 922-23 Faiz Road, Barol Bagh, New Delhi, and national of Indian Union, "Electric air ventilator", February 12, 1964

Class 1 No 121144 Jaswant Singh Jubbal, 922-23 Faiz Road, Barol Bagh, New Delhi, and national of India Union, "Electric hand drier and appliances", February 12, 1964.

Class 1 No 121155 Jaswant Singh Jubbal, 922-23, Faiz Road, Karol Bagh, New Delhi-5 and national of Indian Union, "Screw driver", February 17, 1964.

Class 1. No. 121759. AMP Incorporated, a corporation organized and existing under the laws of the State of New Jersey, United States of America, Eisenhower Boulevard, Harrisburg Pennsylvania United States of America, "An electrical connector", April 1, 1964

Class 1 No. 121878 Timir Kanti Guha, 1-A, Becharam Chatterjee Lane, Calcutta-5, West Bengal, Subject of the Indian Republic, "Angle poise lamp", April 10, 1964.

Class 1 No 122166. National Brass Industries, Mulla Medi Road, Jamnagar, Gujarat State, an Indian Partnership Firm, "Cycle pump nozzles", May 14, 1964

Class 1 Nos 122349 to 122321 Newton Type Foundry, 80, Wallajah Road, Mount Road, Madras-2, India, an Indian Company, "Tamil printing types", June 9, 1964

Class 1 No 122322 Newton Type Foundry, 80, Wallajah Road, Mount Road, Madras-2, India, an Indian Company, "Telugu printing types", June 9, 1964

Class 1 No 122495 Dynam Engineering Corporation, an Indian partnership firm, 6 Haudin Road, Bangalore 1, Mysore "Holders", June 22, 1964.

Class 1 Nos 122496 to 122500. Dynam Engineering Corporation, an Indian Partnership firm, 6, Haudin Road, Bangalore-1, Mysore, "Rotors", June 22, 1964

Class 3 Nos 121756 and 121757 Rup Narain Aggarwal (An Indian National) 6/1-B Uttari Marg, New Delhi-5 (Delhi State), "Float balls", April 1, 1964

Class 3 No 122001 Shivandas Bakhatmal Bindrani, Room No 12, New Building, M J Phule Market, Bombay-1, Maharashtra, an Indian, "Electric flush three pin socket", April 27, 1964.

Class 3 No 122002 Shivandas Bakhatmal Bindrani, Room No 12, New Building, M J. Phule Market, Bombay-1, Maharashtra, an Indian, "Two pin socket", April 27, 1964

Class 3 No 122221 Globe Metal Industries, Jagadhari, (India), Punjab State, Indian Partnership Concern, "A utensil", May 22, 1964.

Class 3. No 122232 Mahendrakumar Fulchand Gandhi, Hindu, Indian, 113C, Netaji Subhas Road, Calcutta-1, West Bengal, Indian, "Garments color", May 25, 1964.

Class 3. No 122501 Dvnam Engineering Corporation, an Indian Partnership firm, 6 Haudin Road, Bangalore-1, Mysore "Holders", June 22, 1964

Class 3 Nos 122502 to 122506 Dynam Engineering Corporation, an Indian Partnership firm, 6 Haudin Road, Bangalore, Mysore, "Rotors", June 22, 1964

Class 3 No 122523 Thaker Industries (India), an Indian Partnership Firm, 144, Dharavi Road, Bombay-17, Maharashtra, India, "Cane back", June 22, 1964

Class 3 No 122589. Bright Brothers Private Limited, a Company incorporated in India, 156 Tardeo Road, City of Bombay, State of Maharashtra, India, "Dyeing cones (with holes)", June 25, 1964.

Class 3 No 122590 Bright Brothers Private Limited, a Company incorporated in India, 156 Tardeo Road, City of Bombay, State of Maharashtra, India, "Dyeing cones (with slots)", June 25, 1964.

Class 4 No 121258 Troy Traders, 70, Garibdas Street, Bombay-3, (Maharashtra), an Indian Partnership concern, "Jug", February 21, 1964

Class 4 No 122532 V P Bedekar & Sons Private Limited, a limited liability company, incorporated under the Indian Companies Act, Migbhat, Bombay-4, Maharashtra, India, "Bottles", June 22, 1964.

Class 5 No 121814. Ujaggar Hosiery Factory (An Indian Partnership concern), 97-E, Kamla Nagar, Delhi, "Wrapper", April 4, 1964.

- Class 5. No. 122092. Gandhi Desobhai Karsandas Sheth, Indian Partnership Firm, 293, Vartej Gate, Bhavnagar (Gujarat), "Cartons", May 4, 1964.
- Class 5. No. 122168. Sadhana Agarbatti Works, Indian firm, 138, Falkland Road, Bombay-8, (Maharashtra), "Labels", May 15, 1964.
- Class 5. No. 122587 and 122588. Suresh Chandra Gupta, an Indian Subject, 13, Gour Laha Street, Calcutta-6, West Bengal, "Carton", June 25, 1964.
- Class 6. No. 122229. (Mrs) Shirin Aziz Varawala, An Indian Citizen, B-12, Hirji Govindji Mansion, New Nagpada, Bombay-8, Maharashtra, India, "Telephone Index", May 25, 1964.
- Class 13. Nos. 122509 to 122515. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay-13, Maharashtra State, "Textile goods", June 22, 1964.
- Class 13. No. 122518, The Elphinstone Dye Works Private Ltd., 400, Cadell Road, Bombay-28-DD, Indian Co., "Art silk, silk and cotton piecegoods", June 22, 1964.
- Class 13. Nos. 122619 to 122626. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay-13, Maharashtra State, "Textile goods", July 2, 1964.
- Class 13. No. 122591. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", June 25, 1964.
- Class 13. Nos. 122655 to 122672. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piecegoods", July 14, 1964.
- Class 13. Nos. 122711 to 122714. The Crown Spg. & Mfg. Co. Ltd., Gokhale Road (South), Parel, Bombay-13, Maharashtra, Nationality—Indian Company, "Textile goods", July 15, 1964.
- Class 13. Nos. 122717 to 122734. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay-1, Indian Company, "Textile piecegoods", July 17, 1964.
- Class 13. No. 122739. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", July 20, 1964.
- Class 13. Nos. 122758 to 122768. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piecegoods", July 25, 1964.
- Class 13. Nos. 122775 to 122780. The Standard Mills Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, (India), "Textile goods", July 27, 1964.

A. JOGARAO  
Controller General of Patents,  
Designs and Trade Marks.

